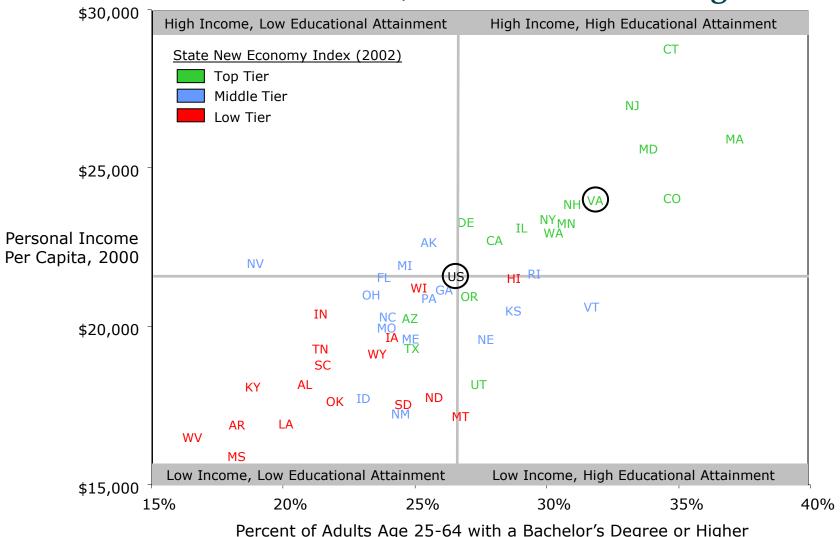


HONORARY LEADERSHIP

Gov. Bob McDonnell - Sen. Mark Warner - Sen. Jim Webb Gov. Tim Kaine - Sen. John Warner - Gov. George Allen - Gov. Jim Gilmore Gov. Chuck Robb - Gov. Doug Wilder - Gov. Gerald Baliles - Gov. Linwood Holton

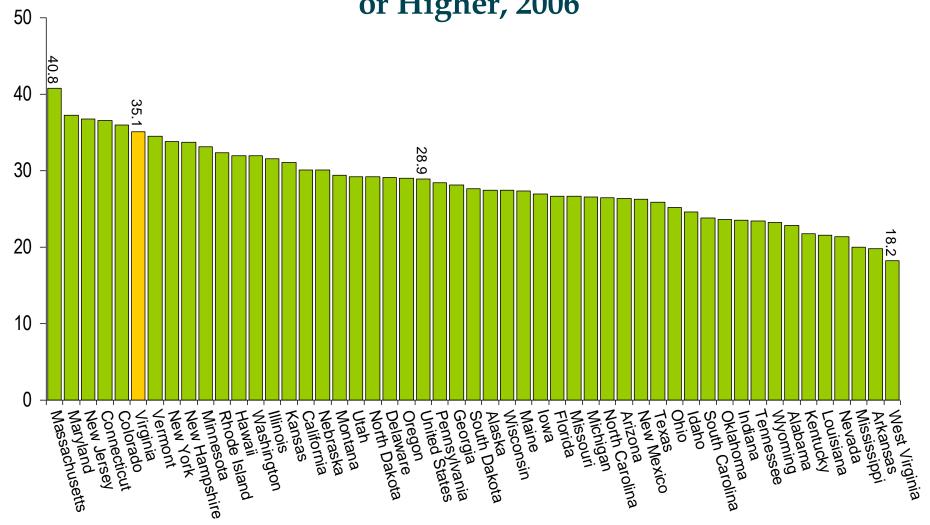


Relationship Between Educational Attainment, Personal Income, and Economic Strength



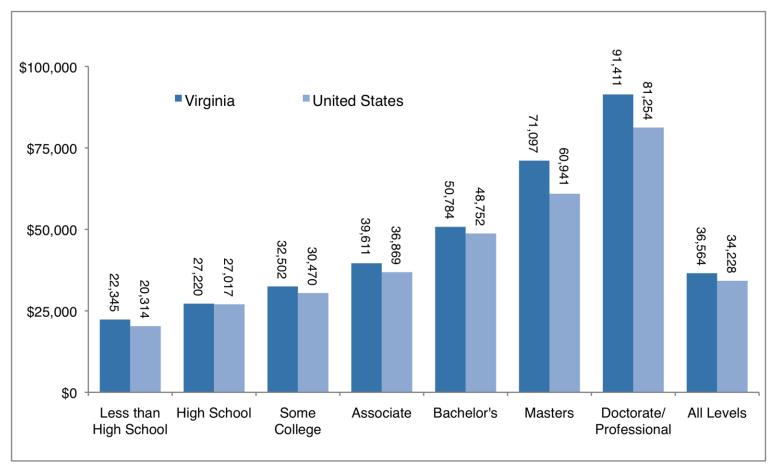


Percent of Population Age 25-64 with a Bachelor's Degree or Higher, 2006





Median Earnings by Degree Level, 2006

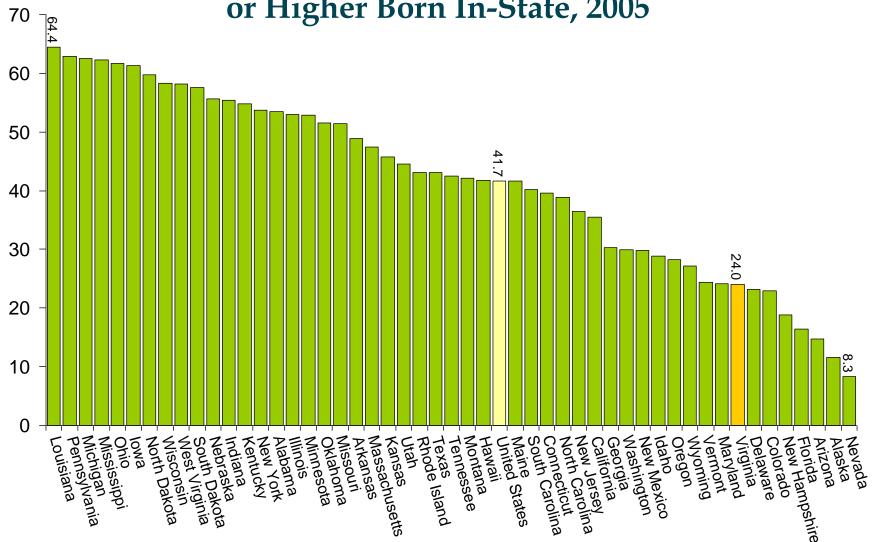


NOTE: Earnings based on persons age 18-64 reporting positive wages working 35+ hours per week. Earnings adjusted to July 2006 dollars.

Source: National Center for Higher Education Management Systems, Analysis based on U.S. Census Bureau, 2006 ACS PUMS File

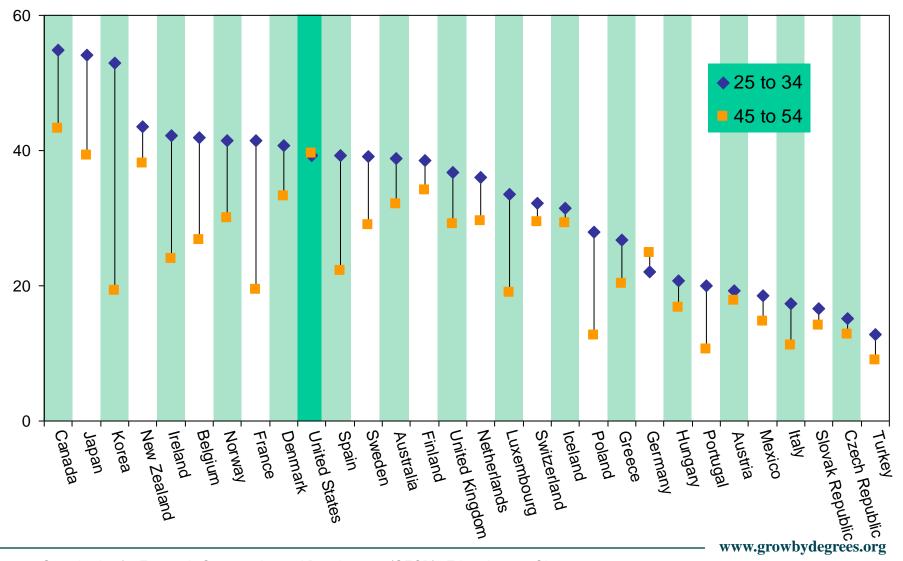


Percent of Residents Age 25-64 with a Bachelor's Degree or Higher Born In-State, 2005



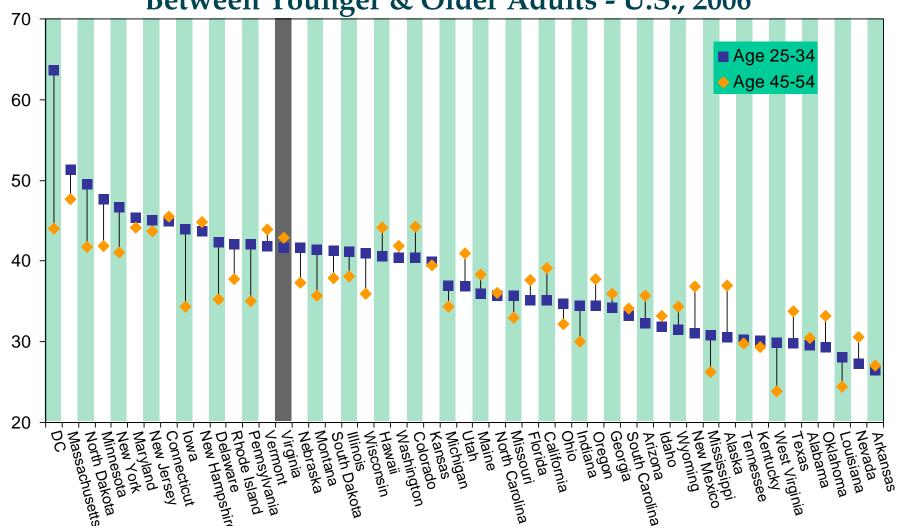


Differences in College Attainment (Associate & Higher) Between Younger & Older Adults – U.S. & OECD Countries, 2006



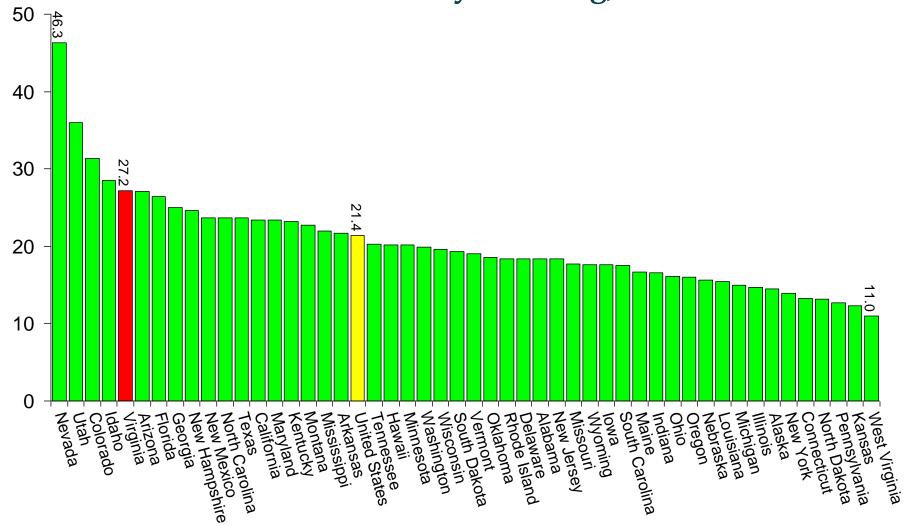


Differences in College Attainment (Associate & Higher) Between Younger & Older Adults - U.S., 2006



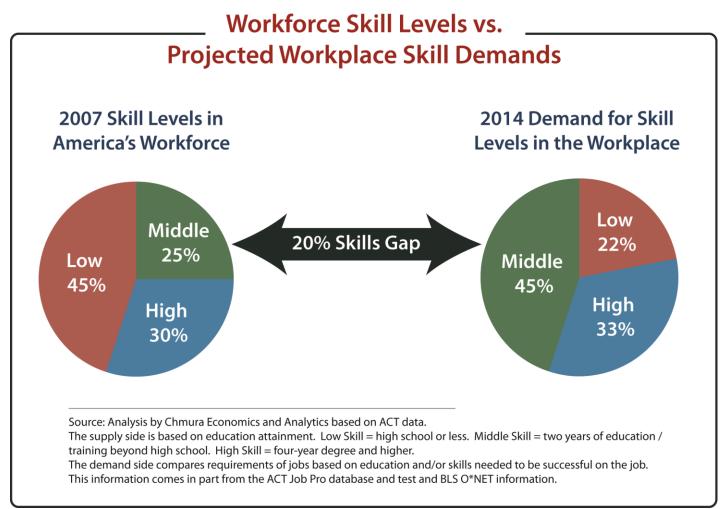


Projected Percent Change in Occupations Requiring Some Postsecondary Training, 2002-2012





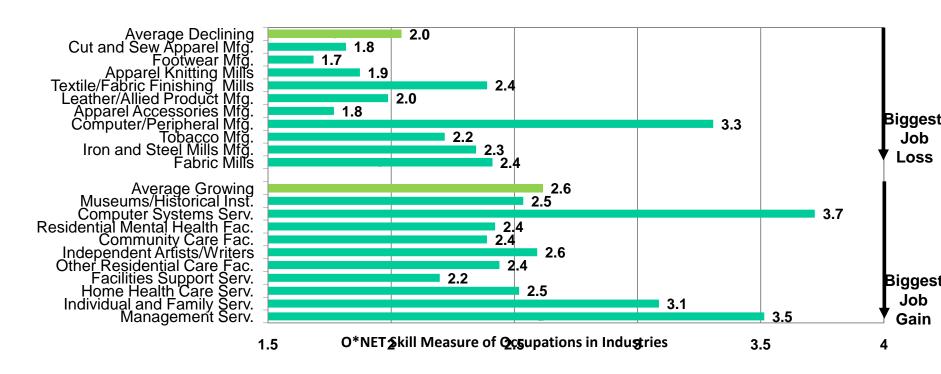
Growing Demand for Highly Educated Workers





Higher Skills Needed for Fast Growing (Services) than Declining (Mfg) Industries

Occupational Skill of Fastest Growing and Declining Industries, Virginia, 2008-2018



Source: JobsEQ®, Chmura Economics and Analytics



Study of the Economic Impact of Virginia Public Higher Education



WELDON COOPER CENTER FOR PUBLIC SERVICE

University of Virginia

Terance J. Rephann, Ph.D. in association with John L. Knapp, Ph.D. William B. Shobe, Ph.D.

September 2009



About the Study

- The first comprehensive analysis of the economic impact of Virginia's public higher education system.
- Two components measured:
 - Economic impact of higher education expenditures.
 - Economic impact of human capital development.
- Also projected economic impact of the Governor's plan for 100,000 additional degrees by 2025.
- The study is based on 2007 economic data, and all numbers expressed in terms of 2007 dollars.



RETURN ON INVESTMENT IN VIRGINIA'S PUBLIC HIGHER EDUCATION



Based on 2007 data

source: Weldon Cooper Center for Public Service



The Enormous Value from Investing in Higher Education

A major finding from the study:

The <u>tax revenue generated</u> for the Commonwealth of Virginia by its public higher education system <u>exceeds the amount the state spends</u> on that system.

For every dollar the Commonwealth spends on public higher education, it receives \$1.39 in state tax revenue.



The Enormous Value from Investing in Higher Education

• The economic multiplier effect:

Current expenditures on public higher education boost the state's economy by a factor of 13:1.

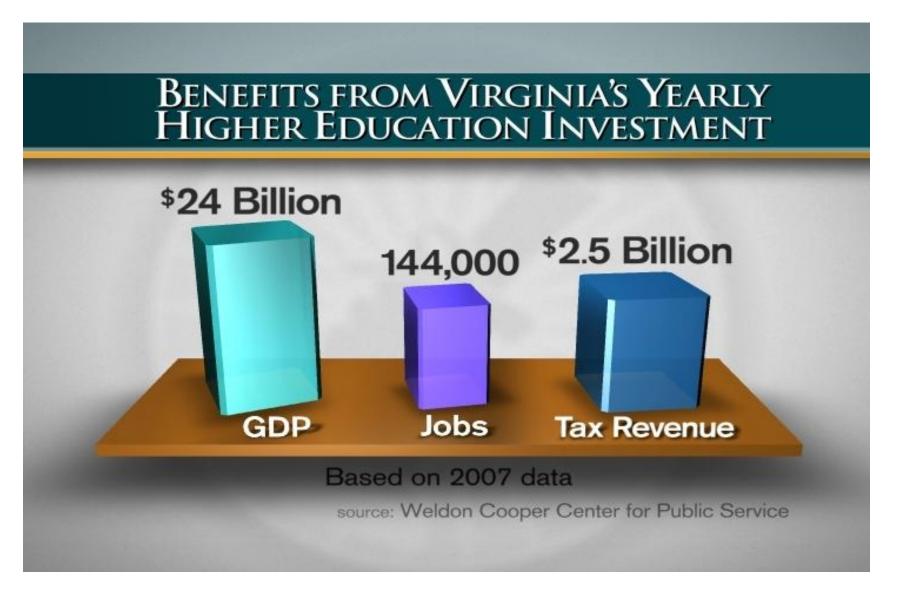
For every dollar the Commonwealth spends on public higher education, it generates \$13.31 in gross domestic product (GDP).



Economic Impact at a Glance

- \$9.5 billion annually in purchases of goods and services in the Commonwealth
- <u>144,550 jobs</u> supported by higher education operations
- Benefits of yearly investment in Va.'s public higher education system based on 2007 spending level:
 - \$24.0 billion contribution to the state's gross domestic product (GDP)
 - \$2.5 billion in tax revenues generated for the Commonwealth of Virginia







Private and Social Benefits of Higher Education

 Having a degree reduces government expenditures for other social programs (food stamps, TANF, Medicaid, Corrections)

Level of Education	Total Lifetime Spending (state and local)
High School	\$28,047
Associate Degree	\$10,955
Bachelor's Degree	\$5,047
Master's Degree	\$3,139
Professional/Doctorate	\$1,181



Social Cost Savings from Higher Education

• Dramatic positive impact on state spending:

State government in Virginia spends significantly less on a range of social services each year because of the impact of its public higher education system.

A single year's college degree production (at 2007 levels) accounts for \$349 million in cost savings to the Commonwealth



Lifetime State and Local Tax Revenues

• Having a degree INCREASES state and local tax revenues

Level of Education	Total Lifetime Tax Revenues (state and local; present value)
High School	\$92,450
Associate Degree	\$114,467
Bachelor's Degree	\$142,519
Master's Degree	\$165,957
Professional/Docto	orate \$157,931



Leveraging Investment in Virginia

- The study reflects the major economic impact of the out-of-state dollars that flow into Virginia because of the public higher education system (i.e., for research, tuition, and purchases by students and visitors):
 - -\$1.58 billion in Virginia GDP-34,833 Virginia jobs
- What's not included:
 - The study does not reflect the full impact of higher education's active participation in state and local efforts to attract new businesses and jobs to Virginia from other states and countries.



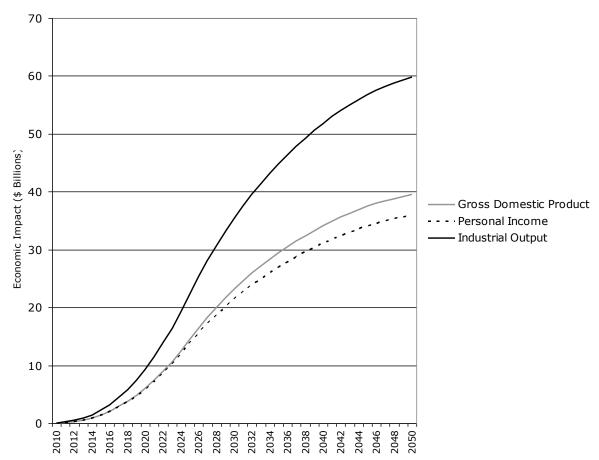
Impact of Higher Ed Research

- The study reflects the direct economic impact of research activities at Virginia's public higher education institutions:
 - -\$588 million in Virginia GDP-12,927 Virginia jobs-\$72 million in state tax revenues
- What's not included:
 - The study does not capture the full impact of university-based research activities on technology-based development and the growth of private firms.



Growing By Degrees

What 100,000 More Degrees By 2025 Will Mean to Virginia's Economy





Growing By Degrees

What 100,000 More Degrees By 2025 Will Mean to Virginia's Economy

- \$39.5 billion more in Virginia GDP
- \$36.0 billion in increased personal income for Virginians
- \$4.1 billion in new tax revenues for state government



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